

Addendum 2 for RFB937800-01

Project Name: DOC 6JD CR Hinzman Window Replacement

RFB #: 937800-01

DAS Project #: 9378.00

Date: 02/27/2024

Bids Due: March 6, 2024 @ 2 pm

1. SUBSTITUTION REQUESTS

- A. Pella 250 Series Vinyl Window is not an approved substitution.
- B. YKK-AP America: YOW 350XT is an approved substitution. Approved substitution request form included below.

2. SPECIFICATIONS

- A. SECTION 00 4116 BID FORM
 - i. Added Alternate 03 description.
- B. SECTION 01 1200 CONTRACT SUMMARY
 - i. Added Alternate 03 description.
- C. SECTION 08 5413 FIBERGLASS WINDOWS
 - i. Entire spec section added.

3. DRAWINGS

- A. SHEET A-101 – Deduct Alternate 3 added to Window Schedule

SUBSTITUTION REQUEST FORM

Project: DOC 6JD CR Hinzman Window Replacement Substitution Request Number: JN022324
Cedar Rapids, IA
To: Mr. Michael Nolan From: Jeremy Nordby
Horizon Architecture Date: 2-23-2024
Re: _____ A/E Project Number: G23-031

Specification Title: Aluminum Windows Description: Fixed and Casement Windows
Section: 08 5113 Page: 2 Article/Paragraph: 2.1

Proposed Substitution: YKK-AP America: YOW 350XT fixed and casement windows
Manufacturer: YKK-AP Address: Various Phone: 888-955-9550
Trade Name: YKK-AP America Model No.: YOW 350XT

History: ☐ New product ☐ 2-5 years old ☐ 5-10 yrs old ☒ More than 10 years old

Differences between proposed substitution and specified product: Similar

☒ Point-by-point comparative data prepared by contractor and attached - REQUIRED BY A/E

Reason for not providing specified item: _____

Similar Installation:

Project: UICCU Architect: _____
Address: Blairs Ferry Road Owner: Greenstate Credit Union - North Liberty, IA
Cedar Rapids, IA Date Installed: 2019

Proposed substitution affects other parts of Work: ☒ No ☐ Yes; explain _____

Supporting Data Attached: ☒ Drawings ☒ Product Data ☐ Samples ☒ Tests ☒ Reports ☐ _____

SUBSTITUTION REQUEST FORM

(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Jeremy Nordby - Regional Rep for YKK-AP America

Signed by: 

Firm: YKK-AP America

Address: 1000 Stevenson Court, Suite 101
Roselle, IL 60172

Telephone: 612-209-1826

Attachments: _____

A/E's REVIEW AND ACTION

- ☒ Substitution approved - Make submittals in accordance with Specification Section 01 3300.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 3300.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: Michael Nolan, AIA

Date: 2/24/2024

Additional Comments: ☐ Contractor ☐ Subcontractor ☐ Supplier ☐ Manufacturer ☐ A/E ☐ _____

SECTION 00 4116

BID FORM

The Bid Form must be submitted online through the State's [IMPACS Electronic Procurement System](#).

RFB #937800-01

BID FORM for CONSTRUCTION CONTRACT
for
DOC 6JD CR Hinzman Window Replacement
1051 29th Ave SW, Cedar Rapids, IA 52404
Project 9378.00

Iowa Department of Administrative Services
Hoover State Office Building, Level 3
1305 East Walnut Street
Des Moines, Iowa 50319-0105

The following information is to be completed and submitted with your bid..

1. Bid Form - Completed and Signed (to be uploaded with bid submission)
2. Non Discrimination Clause Information
3. Contractor Targeted Small Business Enterprise Pre-Bid Contract Information
4. Bid Security – 5% of total Bid amount (to be uploaded with bid submission)

Authorized Representative:

The undersigned Bidder, in response to your Request for Bid for construction of the above project, having examined the Drawings, Specifications, and other Bidding Documents dated February 5, 2024, and Addenda issued and acknowledged below as received and being familiar with all the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, equipment and supplies to perform all work to construct the project in strict accordance with the proposed Contract Documents, within the time and at the prices stated below. Prices are to cover all expenses incurred in performing the work required under the proposed Contract Documents, of which this bid is a part.

Bidder acknowledges receipt of the following Addenda which are a part of the Bidding Documents and for which any effect on cost of the Work is included in the bid amounts indicated:

Number	_____	_____	_____	_____	_____
Dated	_____	_____	_____	_____	_____

Note that the State of Iowa is exempt from State and Local sales and use taxes (including local option and school option) for this project. Taxes on construction materials shall NOT be included in the bid amounts.

Amounts shall be indicated in both words and figures. In case of discrepancy, the amount indicated in words shall govern.

BID PACKAGES:

BP 01

Description: All material, labor and equipment associated with all work shown on the contract documents complete including the plans and specifications.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

(\$_____). Dollars

ALTERNATES:

ALT 01

Description: (DEDUCT) Remove all staff area, staff conference and break room windows from project.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

(\$_____). Dollars

ALT 02

Description: (ADD) Provide price to install aluminum fixed windows in the resident rooms, lounges and cafeteria areas.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

(\$_____). Dollars

ALT 03

Description: (DEDUCT) Provide price to install fiberglass windows in the staff areas, staff conference and break room.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

Dollars

(\$_____).

Bidder hereby certifies that:

1. This bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm or corporation;
2. Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain any advantage over any other bidder or over the Owner.
3. Bidder hereby certifies that the Bidder is registered with the Iowa Labor Commissioner as a Contractor as required by Chapter 91C, Code of Iowa.
4. Bidder agrees to comply with all Federal and State Affirmative Action/Equal Employment Opportunity requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.
5. All construction under this Contract shall conform to the requirements of the *Iowa State Building Code*.
6. Bidder agrees that this bid shall remain valid and shall not be withdrawn for a period of thirty (30) calendar days after the date for receipt of bids.
7. Bidder agrees that if written notice of acceptance of this bid is mailed, emailed, or delivered to the undersigned within thirty (30) days after the date in which bids are due, or at any time thereafter before it is withdrawn, the undersigned will sign and return the Contract Agreement, prepared in accord with the Bidding Documents and this bid as accepted; and will also provide proof of insurance coverage and required surety bonds.
8. Bidder understands that the Owner reserves the right to reject any and all bids, and to waive irregularities or informalities and enter into a contract for the work, as the Owner deems to be in the best interest of the State.
9. Bidder understands that the Owner reserves the right to accept any, or no, Alternate Bid, if requested, and that the Alternate Bids may be considered in any order or combination, and the low Bidder shall be determined on the basis of the sum of the base bid and any Alternate(s) accepted.

Subcontractors:

The Trade Contractor must identify all Subcontractors and Suppliers within 48 hours of the published date and time for which bids must be submitted, in accordance with Iowa Code Section 8A311, as amended by House File 646 in 2011. Subcontractors and suppliers may not be changed without the approval of the Owner. Requests for changing a Subcontractor or supplier must identify the reason for the proposed change, the name of the new Subcontractor or supplier, and the change in the subcontractor or supplier price as a result of the change. Any reduction in subcontractor or supplier price as a result of the change, if the change is approved by the Owner, shall be deducted from the Trade Contract Price via a deductive Change Order. Any such changes, if approved by the Owner, which result in an increase in the Trade Contract Price shall be borne by the Trade Contractor.

Enforcement of Reciprocal Resident Bidder Preference, per Iowa Code 73A.21.

All bidders shall either check the box next to "Resident Bidder" or check the box next to

"Nonresident Bidder" and by doing so and signing thereafter certifies and attests to the same. All information requested must be provided. Seek out the advice of an attorney if you have questions.

"Resident Bidder" means a person or entity authorized to transact business in of the State of Iowa and having a place of business for transacting business within the State of Iowa at which it is conducting and has conducted business for at least three years prior to the date of the first advertisement for the public improvement. Note, however, that if a nonresident bidder's state or foreign country has a more stringent definition of a resident bidder, the more stringent definition is applicable as to bidders from that state or foreign country.

☐

Resident Bidder

Name of Resident Bidder: _____

By: _____
Authorized Agent and Signatory of Resident Bidder

OR:

☐

Nonresident Bidder

Name of Nonresident Bidder: _____

Name of State or Foreign Country of Nonresident Bidder: _____

Particularly identify and describe any preference, labor preference, or any other type of preferential treatment, in effect in the nonresident bidder's state or foreign country at the time of this bid:

NOTICE: Nonresident Bidders domiciled in a state or country with a resident labor force preference shall make and keep, for a period of not less than three years, accurate records of all workers employed on the public improvement. The records shall include each worker's name, address, telephone number when available, social security number, trade classification, and the starting ending time of employment.

By: _____
Authorized Agent and Signatory of Nonresident Bidder

Bid Form shall be signed by an officer of the company with authority to bind in a contract. Notice of acceptance of this bid, or request for additional information by the Department of Administrative Services, may be addressed to the undersigned at the address set forth below:

Legal Name of Firm: _____

Date: _____

Signature of Bidder: _____

Title: _____

Typed Name of Signatory: _____

Email: _____

Business Address:

Telephone Number: _____ Fax Number: _____

Federal Tax Identification Number: _____

Iowa Contractor Registration Number: _____

Bidder Safety Manager Name: _____

For an out-of-state Bidder, Bidder certifies that the Resident Preference given by the State or

Foreign Country of Bidder's residence, _____, is _____ %.

END OF SECTION

SECTION 01 1200

CONTRACT SUMMARY

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Project Information
- B. Project Summary
- C. Bid Scope Summary
- D. Work Hour Restrictions
- E. Access to Site
- F. Coordination with Occupants
- G. Rules for Construction Workers
- H. Bid Package Instructions

1.02 PROJECT INFORMATION

- A. Facility Name/Location: Gerald R. Hinzman Center, 1051 29th Avenue SW, Cedar Rapids, IA, 52404
- B. DAS Project #: 9378.00
- C. Owner: State of Iowa, Department of Administrative Services, Hoover State Office Building, Level 3, 1305 East Walnut Street, Des Moines, IA 50319
- D. Owner's Representative: Jennifer Kleene, Iowa Department of Administrative Services, 109 SE 13th Street, Des Moines, IA 50319
- E. Construction Manager: Adam Douglas, McGough Construction, 217 E. 2nd St, Suite 120, Des Moines, IA 50309

1.03 PROJECT SUMMARY

- A. The project includes the replacement of existing windows at the Gerald R. Hinzman Center.
- B. Target date to provide substantial completion is August 27, 2024.

1.04 BID SCOPE SUMMARY

- A. Scope Applicable to All Bid Packages:
 - 1. The Contractor's Work includes all labor, supervision, materials, equipment, services, supplies, tools, facilities, transportation, hoisting, storage, receiving, licenses, inspections, certifications, overhead, profit, or other items required or reasonably inferable to properly and timely perform and complete all work and services to be performed by the Contractor pursuant to this Agreement. Unless specifically stated otherwise, incidental work required to accomplish the work of this Bid Package shall be included the bid. This would include, but not be limited to, temporary facilities, protection of the work, security of equipment, materials, and work in progress, etc. Contractor's Work shall be performed in accordance with the Drawings, Specification Divisions 00 and 01, and Specification sections applicable to each Contractor's scope.
 - 2. Contractor is responsible for all labor and equipment to unload, account for all material delivered, stock, and delivery for this scope of work. Storage and delivery of materials and equipment at the Site shall be permitted only to the extent approved in advance by the Construction Manager, and if anything so stored obstructs the progress of any portion of the work, it shall be promptly removed or relocated by the Contractor without reimbursement.
 - 3. On site supervision by Prime Contractor at all times work by that contractor or their subcontractors/suppliers is taking place.

4. Provide all temporary facilities required for this scope of work including trailer, trailer power, telephone, secured storage, temporary power for work, temporary and task lighting for work, etc. as determined necessary by Contractor. Coordinate location of trailers, material storage and utility lines with Construction Manager. Limited space is available, and permission to bring any such facility or excess materials on to the site shall be approved by the Construction Manager.
5. Contractor shall provide all equipment and tools for Contractor's own cleanup. Clean up shall be done at end of every shift or more frequently if required for the Contractor to perform their work, for other Contractors to perform their work, as required by the Owner's operations, and at the discretion of the Construction Manager.
6. All turf, landscaping, and subgrade disturbances caused by equipment traffic or other activities related to the Contractor's scope shall be repaired or restored to proper conditions by the Contractor.
7. Protect adjacent existing building elements from damage from Scope of work. Repair existing building elements damaged during Contractor's Scope of work.
8. Contractor shall maintain an accurate set of As-Built Drawings throughout the duration of the project and submit to the Construction Manager at the completion of the project.

1.05 WORK HOUR RESTRICTIONS

- A. Work hours are from 7:00 AM to 5:00 PM, Monday through Friday unless arrangements are made in advance.

1.06 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
- B. Provide access to and from site as required by law and Owner:
 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 2. Do not obstruct roadways, sidewalks, or other public ways without permission of Owner and permit if required.
- C. Facility will be occupied at all times during duration of work. Contractor personnel shall conduct themselves in an agreeable manner at all times. Failure to do so may result in removal from the work site.

1.07 OWNER OCCUPANCY

- A. Owner intends to occupy the facility during the course of construction.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

1.08 RULES FOR CONSTRUCTION WORKERS

- A. The staff of the State of Iowa has a responsibility to protect the public by providing a secure environment. All work site rules must be followed to the letter, at all times.
- B. All construction workers must have a background check completed prior to entering the campus to perform work.
- C. Hot Work Permit Processes and Fire Watch, when necessary, will be adhered to for this project.
- D. All State properties are tobacco free. No smoking will be permitted or tolerated on campus unless in designated areas.
- E. You are permitted access only to the work site and no other area of the institution.
- F. No drugs, alcohol, or firearms are allowed on the work site.
- G. Do not leave money, drugs, alcohol, or firearms in your personal vehicle.
- H. Company and personal vehicles are to be parked and locked in designated or authorized area of the work.

- I. Secure all tools at the end of the day.
- J. Maintain control of all tools, supplies, and debris at all times during the work.
- K. Never leave keys in any vehicle. If a security officer finds keys in a vehicle, they are under orders to turn them in to a security supervisor.
- L. Do not give anything to residents or take anything from residents; if they offer, inform your supervisor.
- M. Secure all tools at the end of each day. Never leave tools unattended. All tools shall be checked in at the beginning of the day and checked out at the end of the day. If security officers find loose tools, they are under orders to turn them in to their supervisor.
- N. All delivery vehicles must go directly to the job site. Extra time should be anticipated for all deliveries. Provide 24-hour notice to the facility of deliveries.
- O. During an emergency, follow the instructions of the security staff.
- P. Contractor shall wear clothing of a different color, pattern, fashion, etc. as to distinguish themselves from inmates.
- Q. A correctional facility is a somewhat unstable environment and poses certain potential hazards to individuals living, working and visiting within its confines. As a result, compliance with facility policies and procedures, as well as the directives of facility staff is essential. Individuals working inside the facility agree to follow all known policies and procedures, agree to follow the directives of facility staff, and acknowledge responsibility to seek assistance of facility staff if questions or questionable circumstances arise. Individuals working inside the facility also must follow these guidelines:
 - 1. Workers must be suitably attired. They will be properly attired as would be expected in a public meeting place. Workers will wear shoes and will not wear miniskirts, shorts, muscle shirts, see-through clothing, halter-tops or clothing made of lycra or spandex material. Split skirts of appropriate length are allowed. Blue chambray shirts are not allowed to be worn with blue jeans. No clothing shall be worn with obscene or lewd slogans, pictures, or words, and similar apparel. All female workers are required to wear a bra and underwear.
 - 2. For security and safety purposes workers must check in at the front desk each day.
 - 3. Cell phones, weapons, and cameras/camcorders are not allowed inside the facility. The foreman will be allowed to have one cell phone.
 - 4. Wallets, purses, and billfolds are not allowed inside the facility.
 - 5. Tobacco products are not allowed inside the facility.
 - 6. All unauthorized items shall be locked in vehicles or secured in the lockers.
- R.

1.09 BID PACKAGE INSTRUCTIONS

- A. **Bid Package #01** – Window Replacement Complete: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
 - 1. All material, labor and equipment associated with all work shown on the contract documents complete including the plans and specifications, material and labor including all freight, unloading and installation for a complete scope.
 - 2. Include lump sum Allowance of \$5,000.00 for replacing the blocking at the existing window heads, jambs and sills where needed. Contractor to submit invoices, delivery slips, and/or time sheets to show actual quantities to be signed off by construction manager at time of execution/delivery.
- B. **Alternate #01** – Staff Area Window Removal: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
 - 1. (DEDUCT) Remove all staff area, staff conference and break room windows from the project.
 - 2. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

3. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
 4. Execute accepted alternates under the same conditions as other work of the Contract.
- C. **Alternate #02** – Aluminum Fixed Windows: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. (ADD) Provide price to install aluminum fixed windows in the resident rooms, lounges and cafeteria areas.
 2. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 3. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
 4. Execute accepted alternates under the same conditions as other work of the Contract.
- D. **Alternate #03** – Fiberglass Operable Windows: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. (DEDUCT) Provide price to install fiberglass windows in the staff areas, staff conference and break room.
 2. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 3. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
 4. Execute accepted alternates under the same conditions as other work of the Contract.

PART 2 - PRODUCTS – NOT USED

PART 3 - EXECUTION – NOT USED

END OF SECTION

SECTION 08 5413 FIBERGLASS WINDOWS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Factory fabricated fiberglass windows with fixed and operating sash units indicated for office areas on plan.
- B. Glazed by factory; including infill panels.
- C. Operating hardware.
- D. Insect screens.

1.2 REFERENCE STANDARDS

- A. AAMA/WDMA/CSA 101/I.S.2/A440 - North American Fenestration Standard/Specification for Windows, Doors, and Skylights; 2017.
- B. AAMA 502 - Voluntary Specification for Field Testing of Newly Installed Fenestration Products; 2012.
- C. ASTM E331 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference; 2000 (Reapproved 2016).
- D. ASTM E1105 - Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference; 2015.
- E. ASTM E2112 - Standard Practice for Installation of Exterior Windows, Doors and Skylights; 2019c.

1.3 SUBMITTALS

- A. See Section 013300 Administrative Requirements for submittal procedures.
- B. Product Data: Provide component dimensions, anchors, fasteners, glass, and internal drainage details.
- C. Manufacturer's Certificate: Certify that products of this section meet or exceed specified requirements.
- D. Field Quality Control Submittals: Report of field testing for water penetration and air leakage.
- E. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Protect finished surfaces with wrapping. Do not use adhesive papers or sprayed coatings that bond when exposed to sunlight or weather.
- B. Jig, brace, and box the window frame assemblies for transport to minimize flexing of members or joints.

1.5 FIELD CONDITIONS

- A. Do not install sealants when ambient temperature is less than 40 degrees F.
- B. Maintain this minimum temperature during and after installation of sealants.

1.6 WARRANTY

- A. See Section 01 7700 Closeout Requirements for additional warranty requirements.
- B. Provide ten year manufacturer warranty for insulated glass units from seal failure, interpane dusting or misting, and replacement of same. Include coverage for degradation of color finish.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Fiberglass Windows:
 - 1. Cascadia Windows & Doors; CASCADIA UNIVERSAL SERIES Windows: www.cascadiawindows.com/#sle.
 - 2. Marvin; Elevate Windows: www.marvin.com/#sle.
 - 3. Pella Corporation; Pella Impervia Windows: www.pellacommercial.com/#sle.
 - 4. Andersen Windows; A-Series Windows <https://www.andersenwindows.com/windows-and-doors/windows/casement-windows/a-series-casement-window/>.
 - 5. Substitutions: As Pre-approved by Architect.

2.2 WINDOW UNITS

- A. Fiberglass Windows: Hollow, tubular, multi-layer fiber reinforced material; factory fabricated; with vision glass, related flashings, anchorage and attachment devices.
 - 1. Configuration: As indicated on drawings for office fixed/casement windows only.
 - 2. Product Type: C - Casement window and FW - Fixed window in accordance with AAMA/WDMA/CSA 101/I.S.2/A440.
 - 3. Color: As Selected from Manufacturer's Standard Range.
 - 4. Movement: Accommodate movement between window and perimeter framing and deflection of lintel, without damage to components or deterioration of seals.
 - 5. System Internal Drainage: Drain to the exterior by means of a weep drainage network any water entering joints, condensation occurring in glazing channel, and migrating moisture occurring within system.

2.3 COMPONENTS

- A. Frames: 2 inch nominal wide by 3.25 inch nominal deep profile; flush glass stops of screw fastened type.
 - 1. Type: Block type (for replacement windows).
- B. Fasteners: Stainless steel.
- C. Sealant for Setting Sills and Sill Flashing: Non-curing butyl type.

2.4 GLASS AND GLAZING MATERIALS

- A. Tempered Insulated Glazing.

2.5 HARDWARE

- A. Casement Sash: Zinc die-cast steel worm-gear operator with Painted finish.
 - 1. Operator Linkage, Hinge Slide, and Hinge Arms: 300 series stainless steel.
 - 2. Casement and Awning Sash Lock: Folding arm crank.
- B. Finish For Exposed Hardware: Match window finish.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify wall openings and adjoining water-resistive barrier seal materials are ready to receive work of this section.

3.2 INSTALLATION

- A. Install windows in accordance with manufacturer's instructions.
- B. Attach window frame and shims to perimeter opening to accommodate construction tolerances and other irregularities.
- C. Align window plumb and level, free of warp or twist. Maintain dimensional tolerances and alignment with adjacent work.
- D. Install sill.
- E. Set sill members and sill flashing in continuous bead of sealant.

3.3 FIELD QUALITY CONTROL

- A. Owner to Provide field testing of installed fiberglass windows during construction process and before installation of interior finishes.
 - 1. Field test for water penetration in accordance with ASTM E1105 using Procedure B - cyclic static air pressure difference; test pressure shall not be less than 1.9 psf.
- B. Repair or replace fenestration components that have failed designated field testing, and retest to verify performance complies with specified requirements.

3.4 CLEANING

- A. Remove protective material from pre-finished surfaces.
- B. Wash surfaces by method recommended and acceptable to window manufacturer; rinse and wipe surfaces clean.

END OF SECTION

GENERAL NOTES


1. REMOVE, RETAIN AND REINSTALL ALL BLINDS AND WINDOW TREATMENTS AS DIRECTED BY OWNER.
2. CONTRACTOR TO VERIFY WINDOW SIZES, JAMB DEPTHS AND ROUGH OPENINGS.
3. ALL INTERIOR FINISHES TO REMAIN UNLESS OTHERWISE INDICATED.
4. MATCH EXISTING FRAME AND TRIM COLOR (WHITE FOR WINDOWS) TO THE EXTENT PRACTICAL.
5. ALL WINDOW AND ROUGH OPENINGS TO BE FIELD VERIFIED.



SHEET TITLE

FLOOR PLAN

A-101



1051 29TH AVE. S.W.
CEDAR RAPIDS, IOWA 52404